College of Agriculture & Life Sciences — Bachelor of Science in Crop and Soil Environmental Science — Crop & Soil Sciences (CSS) Major
AGRONOMY option; for students graduating calendar year 2018

Curriculum for Liberal Education (CLE) Requirements (26 credits)

__ CHEM 1035 (3) General Chemistry (CLE 4) - B __
__ CHEM 1045 (1) General Chemistry Lab (CLE 4) - B __
__ CHEM 1036 (3) General Chemistry (CLE 4) - S __
__ CHEM 1046 (1) General Chemistry Lab (CLE 4) - S __
__ MATH 1014 (3) PreCal Transcendental Functions (CLE 5) - B __
__ STAT 2004 (3) Intro Statistics (CLE 5) - B __
__ AAEC 1005 (3) Econ of Food & Fiber (CLE 3) - B __
   or __ ECON 2005 Principles of Economics CLE 3) - B __
__ AAEC 1006(3) Econ of Food & Fiber (CLE 3) - B __
   or __ ECON 2006 Principles of Economics CLE 3) - B __
__ ENGL 1105 (3) First-Year Writing (CLE 1) - B __
__ ENGL 1106 (3) First-Year Writing (CLE 1) - B __

Additional Curriculum for Liberal Education (10-12 credits)

CLE Area 2 (Ideas, Cultural Trad.) — select from approved list

__________ (3) ________________________________

CLE Area 6 (Creativity/Aesthetic Exp.) — select from approved list

__________ (3) ________________________________

(1 or 3)

__ CSES 3444 (3) World Crops & Systems (CLE 7) __

Specific Course Requirements for CSS Major (30 credits)

__ ALCE 3534 (3) Communicating Ag in Speaking - B __
   or __ COMM 2004 Public Speaking - B __
__ ALCE 3564 (3) Communicating Ag in Writing - B __
   or __ ENGL 3764 Technical Writing - B __
__ BIOL 1105 (3) Principles of Biology - F __
__ ALS 1234 (1) CALS First Year Seminar __
__ CSES 2444 (3) Agronomic Crops - F __
__ CSES 3114 (3) Soils - F __
__ CSES 3124 (1) Soils Lab - F __
__ CSES 4214 (3) Soil Fertility - F __
__ CSES 4864 (3) Capstone: Crop & Soil Sciences - F __
__ ENSC 1015 (3) Found Environ Science - F __
__ PPWS 4104 (4) Plant Pathology - F __

Agronomy option Requirements (30 credits)

__ AAEC 2434 (3) Foundations of Agribusiness - B __
__ BIOL 1106 (3) Principles of Biology - S __
__ BIOL 2004 (3) Genetics - B __
__ CSES 4134 (3) Soil Genesis & Classification - S __
__ CSES 4144 (3) Plant Breeding & Genetics - S (2017, 2019) __
__ CSES 4344 (3) Crop Physiology & Ecology - S __
__ CSES 4354 (3) Advanced Agronomic Crops __
__ CSES 4544 (3) Forage Crop Ecology - S __
__ ENT 4254 (3) Insect Pest Management - S __
__ PPWS 4604 (3) Biological Invasions - F __

RESTRICTED ELECTIVES (minimum 18 credits)
From approved courses or complete a Minor listed on the next page

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Only FREE ELECTIVE courses may be taken P/F.

FREE ELECTIVES (minimum 6 credits toward graduation)

__________ ( ) ________________________________

TOTAL CREDITS REQUIRED FOR GRADUATION = 120
with required minimum 2.0 overall and in-major GPA

KEY:
(##) - # of credits earned for that class
B - class is offered both fall and spring semester
F - class is offered only fall semester
S - class is offered only spring semester
V - class is offered at variable times
W - class is offered winter session
RESTRICTED ELECTIVES for AGRONOMY option

Any course applied as CLE Area 2, 6, 7 or Major requirements may not also count as a Restricted Elective

<table>
<thead>
<tr>
<th>Take a Minimum of 18 credits from list below</th>
<th>Approved Minors (continued)</th>
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<tbody>
<tr>
<td>OR complete an approved Minor</td>
<td>Horticulture</td>
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<tr>
<td>___ AAEC 3004 (3) Ag Prod &amp; Consumption Econ</td>
<td>Food Science and Technology</td>
</tr>
<tr>
<td>___ AAEC 3314 (3) Environmental Law</td>
<td>International Agriculture</td>
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<tr>
<td>___ AAEC 3504 (3) Marketing Agricultural Products</td>
<td>International Trade and Development</td>
</tr>
<tr>
<td>___ AAEC 3604 (3) Agricultural Law</td>
<td>Leadership and Social Change</td>
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<tr>
<td>___ BIOL 2804 (3) Ecology</td>
<td>Turfgrass Management</td>
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<tr>
<td>___ CSES 2434 (2) Crop Evaluation</td>
<td>Wetland Science</td>
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<td>___ CSES 2564 (3) Turfgrass Management</td>
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<tr>
<td>___ CSES 3144 (3) Soil Description &amp; Interpretation</td>
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<tr>
<td>___ CSES 3614 (3) Soil Physical &amp; Hydrologic Properties</td>
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<td>___ CSES 3644 (3) Plant Materials for Environmental Restoration</td>
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<td>___ CSES 4334 (3) Agro-Forestry</td>
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<tr>
<td>___ CSES 4444 (3) Managed Ecosystems Serv &amp; Sust</td>
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<td>___ CSES 4644 (3) Land Based Waste Treatment</td>
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<td>___ HORT 2234 (3) Environmental Factors in Horticulture</td>
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<td>___ ENT 3014 (3) Insect Biology</td>
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<tr>
<td>___ ENT 3024 (1) Insect Biology Lab</td>
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<td>___ ENT 4264 (3) Pesticide Usage</td>
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<tr>
<td>___ PPWS 4754 (3) Weed Science: Prin &amp; Prac</td>
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Approved Minors or one approved by their advisor

Agribusiness Management
Agricultural and Applied Economics
Animal and Poultry Sciences
Civic Agriculture and Food Systems
Dairy Science
Entomology
Environmental Economics, Management and Policy
Environmental Sciences

ELIGIBILITY FOR CONTINUED ENROLLMENT

By the end of the academic year in which the student has attempted 60 credits (including transfer, advanced placement, advanced standing and credit by examination), "satisfactory progress" toward a B.S. degree in CSES will include:

1. Having a grade point average of at least 2.0, overall and in major (includes classes in CSES, ENSC, ENT, HORT, and PPWS)
2. Declaring an Option within the CSS Major
3. Passing the following:
   • At least 24 credits that apply to the Curriculum for Liberal Education
   • CHEM 1035 and 1036
   • ALS 1234, CSES3114 and 3124
   • 6 credits of Math and/or Stat

Note: A sequence of two foreign language courses is required unless two years of the same high school foreign language or 6 transfer credits of the same foreign language are completed. These credits do not count toward graduation requirements.

Note: Some courses on this checksheet may have prerequisites. Please check the Catalog.